



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090888

Mode: Highway

Status: Submitted

US-258, NC-24 (Richlands Highway)

From/Cross Street: SR 1212 (Pony Farm Rd)

Specific Improvement Type: 11 - Access Management

To: NC 24 (Jacksonville Bypass)

Project Category: Statewide Mobility

Length: 2.16

TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$8,253,000

Description:

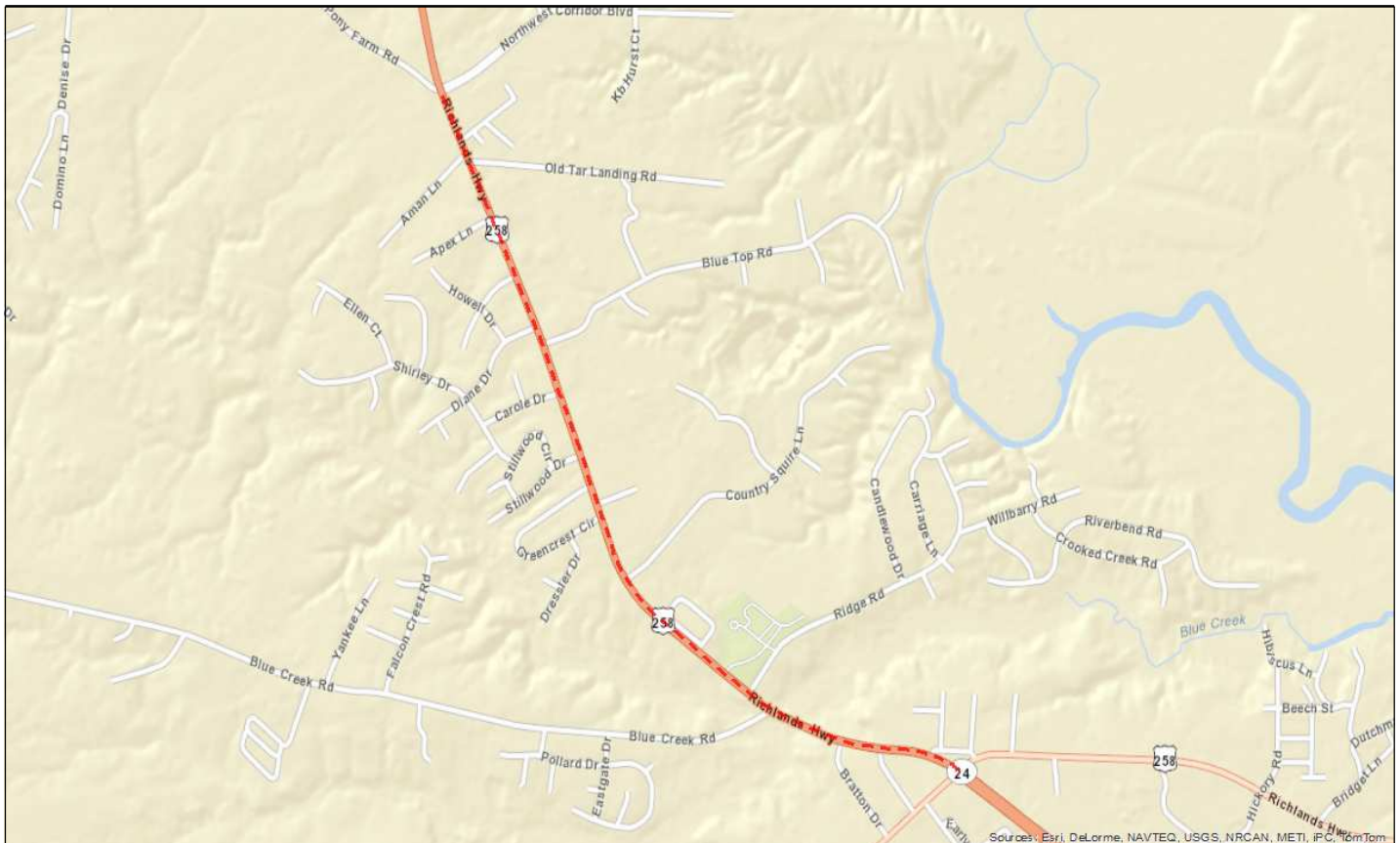
Construct Median from Pony Farm Rd. to US 17 Bypass.

Division(s): Division 3

County(s): ONSLOW

MPOS(s)/RPO(s): Jacksonville Urban MPO

Project Location



Statewide Mobility Total Score: 25.35

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (30%) 40.32	N/A	N/A
Safety (10%) 86.06		
Economic Competitiveness (10%) 0.00		
Multimodal + [Freight & Military] (20%) 23.24		
[Travel Time] Benefit/Cost (30%) 0.00		
Totals: Weight: 100% Weighted Score: 25.35		

Regional Impact Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Multimodal + [Freight & Military] (25%) 23.24	Percent: 15% Points:	Percent: 15% Points:
[Travel Time] Benefit/Cost (20%) 0.00		
Safety (25%) 86.06		
Totals: Weight: 70% Weighted Score: 27.33		

Division Needs Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 40.32	Percent: 25% Points:	Percent: 25% Points:
Safety (20%) 86.06		
Multimodal + [Freight & Military] (10%) 23.24		
Totals: Weight: 50% Weighted Score: 27.6		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	55
Length (miles):	2.16
Facility Type:	Multi-Lane Highway
Access Control:	None
Functional Classification:	Other Principal Arterial
Terrain Type:	Level
Lane Width:	12
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	Yes
Volume (AADT):	31808.85
Capacity:	69160.83
Volume/Capacity Ratio:	0.46
% Autos:	93%
% Trucks:	7%
Truck Volume:	2347.83
Crash Density:	99.73
Crash Severity:	67.69
Critical Crash Rate:	90.8
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	Yes
Average Commuting Time:	25
Existing Median Type (for Cost Estimation):	TWLT
Pavement Condition Rating:	96
Actual Congested Speed:	38.83
Travel Time Index:	1.26

Project Benefits

Project Cross-Section:	4C - 4 Lane Divided (23' Raised Median) with Curb & Gutter, Wide Outside Lanes, and Sidewalks
Speed Limit:	45
Length (miles):	2.16
Facility Type:	Multi-Lane Highway
Access Control:	Partial
Functional Classification:	Other Principal Arterial
Terrain Type:	Level
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	-2151143.6
Travel Time Savings for 30 Years (Autos):	-1992366.53
Travel Time Savings for 30 Years (Trucks):	-158777.07
Long-Term Employment:	0
% Change in Economy:	0
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 3

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT Online tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 3	100%	0	0
	0%	0	0
	0%	0	0
TOTAL Division Points		0	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Jacksonville Urban MPO	100%	0	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		0	0

Project Cost and Source

Construction Cost:	\$7,068,000	TIP Unit
Right-of-Way Cost:	\$1,058,000	Cost Estimation Tool
Utilities Cost:	\$127,000	Cost Estimation Tool
Total Project Cost:	\$8,253,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$8,253,000	